

REMARKS

This responds to the Office Action dated October 12, 2006.

Claims 1, 7, 19, and 25 are amended. Claims 1-3, 5-14, and 16-29 are pending in this application.

Interview Summary

Applicant thanks Examiner Anh-Vu H. Ly for the courtesy of a telephone interview on January 3, 2007 with Applicant's representative Paul J. Urbanski. Examiner Ly indicated that the claim objections and claim rejections under 35 U.S.C. §102 were withdrawn, but that the equalization coefficient and the channel estimate recited in the claims need to be associated with some function in the specification (i.e., it needs to show what the recited equalization coefficient and channel estimate are used for). Mr. Urbanski agreed to amend the claims to include a use for the equalization coefficient and the channel estimate.

§101 Rejection of the Claims

Claims 1-3, 5-14, and 16-29 were rejected under 35 USC § 101 as being directed to non-statutory subject matter. Claims 1, 7, 19, and 25 were amended to overcome the rejection. Support for the amendments is found generally within the specification. An example of support for the amendments to claims 1, 7, and 25 is found on page 3 lines 22-24 and page 13 lines 7-10 of the specification. An example of support for the amendments to claim 19 is found on page 1 lines 28-30 and page 7 lines 9-30 of the specification.

Conclusion

Applicant respectfully submits that the claims are in condition for allowance and notification to that effect is earnestly requested. The Examiner is invited to telephone Applicant's attorney (612-371-2172) to facilitate prosecution of this application.

If necessary, please charge any additional fees or credit overpayment to Deposit Account No. 19-0743.

Respectfully submitted,

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Date Jan. 10, 2007

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CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being filed using the USPTO's electronic filing system EFS-Web, and is addressed to: MS Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this 10/13 day of January 2007.

Amy Moriarty
Name

AJU
Signature